

INFORMATION DISCLOSURE CITATION <small>(Use Several Sheets if necessary)</small> 			Docket Number 14017-1		Application Number 09/942,864		
			Applicant(s) PAUL, Phillip H. et al.				
			Filing Date August 29, 2001			Group Art Unit to be assigned 3753	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RK	A	4,347,131	08/31/82	Brownlee	210	101	
	B	4,638,444	01/20/87	Laragione et al.	364	510	
	C	4,681,678	07/21/87	Leaseburge et al.	210	101	
	D	4,684,465	08/04/87	Leaseburge et al.	210	198.2	
	E	4,767,279	08/30/88	Dourdeville et al.	417	18	
	F	4,810,392	03/07/89	Fulton et al.	210	859	
	G	5,040,126	08/13/91	Allington	264	510	
	H	5,312,233	05/17/94	Tanny et al.	417	316	
	I	5,664,938	09/09/97	Yang	417	313	
	J	5,670,707	09/23/97	Fennell et al.	73	1	
	K	5,777,213	07/07/98	Tsukazaki et al.	73	61.52	
	L	5,797,719	08/25/98	James et al.	417	46	
	M	5,888,050	03/30/99	Fitzgerald	417	46	
	N	5,915,401	06/29/99	Menard et al.	137	12	
	O	US6,280,967	08/28/01	Ransom et al.	435	29	
	P	US6,289,914	09/18/01	Tommasi	137	16.18	
	Q	US6,299,767	10/09/01	Dourdeville	210	198.2	
	R	US6,319,410	11/20/01	Allington et al.	210	634	
	S	US6,386,050	05/14/02	Yin et al.	73	861.95	
	T	US6,402,946	06/11/02	Spraul et al.	210	198.2	
	U	US6,404,193	06/11/02	Dourdeville	324	306	
	V	RE35,010	08/08/95	Price	222	1	
RK	W	US2002/0017484	02/14/02	Dourdeville	210	198.2	
RK	X	US2002/0022802	02/21/02	Simpson	604	186	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
		WO00/55502	09/21/00	PCT			YES N
EXAMINER	RK			DATE CONSIDERED 08/08/04			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <small>(Use Several sheets if necessary)</small> <i>APR 29 2004</i> 		Docket Number 14017-1		Application Number to be assigned 09/942,884			
		Applicant(s) PAUL, Phillip H. et al.					
		Filing Date August 29, 2001		Group Art Unit to be assigned 1741 3253			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>RK</i>	A	5,249,929	10/5/93	Miller et al.	417	207	
<i>RK</i>	B	5,630,706	05/20/97	Yang	417	3	
	C						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES N
<i>RK</i>	M	DE 196 25 648	01/30/97	Germany			
	N						
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
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EXAMINER	<i>Rajmeh Krishnamurthy</i>			DATE CONSIDERED	<i>08/06/04</i>		
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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Electronic Information Disclosure Statement

Electroosmotic Flow Controller

Application:



09/942884

Confirmation:

9825

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Applicant(s):

Phillip PAUL

AUG 28 2002

Docket Number:

14017-1

PC 170

Group Art Unit:

2855

Examiner:

search string: (6290909 or 6287440 or 6012902 or 5573651 or 6406605).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
RK	P01	6290909	2001-09-18		P.H. Paul et al.		
RK	P02	6287440	2001-09-11		D.W. Arnold et al		
RK	P03	6012902	2000-01-11		J.W. Parce		
RK	P04	5573651	1996-11-12		P.K. Dasgupta		
RK	P05	6406605	2002-06-18		D. R. Moles		

Remarks

(Remarks are not for responding to an office action.)

It is believed that this disclosure complies with the requirements of 37 C.F.R. 1.56 and the Manual of Patent Examining Procedures Section 707.05 (b). If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be

remedied. Applicant believes that because this Disclosure Statement is being submitted within three months of the filing date and/or before the first Office Action on the merits, no fee is due. If this is incorrect, please charge any necessary fee for consideration of this Disclosure Statement to Deposit Account No. 19-2090 (Sheldon & Mak). No fee is believed due in connection with this communication. However, if it is determined that a fee is due, the Commissioner is hereby authorized to charge payment of any fees to Deposit Account No. 19-2090.

Signature

Examiner Name	Date
Ramesh Krishnamurthy	08/06/04

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>			Docket Number (Optional) 14017-1	Application Number 09/942,884
			Applicant(s) PAUL, Phillip H. et al.	
			Filing Date August 29, 2001	Group Art Unit 3253 <i>To be assigned</i>

AUG 20 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RK	AA	3,143,691	08/04/1964	R.M. Hurd	347	231	
↑	AB	3,427,978	02/18/1969	R.G. Hanneman et al.	103	1	
	AC	5,942,093	08/24/1999	Rakeshstraw et al.	204	450	
	AD	6,068,767	05/30/2000	Garguilo et al.	310	198.2	
↓	AE	6,086,243	07/11/2000	Paul et al.	366	273	AUG 23 2002
RK	AF	6,277,257 B1	08/21/2001	Paul et al.	204	450	TO 1700 2002
AG							
AH							
AI							
AJ							
AK							

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
RK AL	WO 00/04832	02/02/2000	PCT				
AM							
AN							
AO							
AP							

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

RK	AQ	Ananthakrishnan, V. et al., "Laminar Dispersion in Capillaries: Part I. Mathematical Analysis," <u>A.I.Ch.E. Journal</u> , 11(6):1063-1072 (November 1965)
RK	AR	Aris, R., "On the dispersion of a solute in a fluid flowing through a tube," <u>Oxidation of organic sulphides. VI, Proc. Roy. Soc. (London)</u> , 235A:67-77
EXAMINER	Ramesh Krishnamurthy	DATE CONSIDERED 08/06/04

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Docket Number (Optional) 14017-1	Application Number 09/942,884
Applicant(s) PAUL, Phillip H. et al.	
Filing Date August 29, 2001	Group Art Unit 3753 To be assigned

EXAMINER
RAMESH KRISHNAMURTHY

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	Burgreen, D. et al., "Electrokinetic Flow in Ultrafine Capillary Slits," <u>The Journal of Physical Chemistry</u> , 68(5) 1084-1091 (May 1964)
AB	Chatwin, P.C. et al., "The effect of aspect ratio on longitudinal diffusivity in rectangular channels," <u>J. Fluid Mech.</u> , 120:347-358 (1982)
AC	Doshl, Mahendra R. et al., "Three Dimensional Laminar Dispersion in Open and Closed Rectangular Conduits," <u>Chemical Engineering Science</u> , 33:795-804 (1978)
AD	Drott, J. et al., "Porous silicon as the carrier matrix in microstructured enzyme reactors yielding high enzyme activities," <u>J. Micromech. Microeng.</u> 7:14-23 (1997)
AE	Jessensky O. et al., "Self-Organized Formation of Hexagonal Pore Structures in Anodic Alumina," <u>J. Electrochem. Soc.</u> , 145(11):3735-3740 (November 1998)
AF	Johnson, David Linton et al., "New Pore-Size Parameter Characterizing Transport in Porous Media," <u>Physical Review Letters</u> , 57(20):2564-2567 (17 November 1986)
AG	Johnson, David Linton et al., "Theory of dynamic permeability and tortuosity in fluid-saturated porous media," <u>J. Fluid Mech.</u> , 176:379-402 (1987)
AH	Johnson, David Linton et al., "Dependence of the conductivity of a porous medium on electrolyte conductivity," <u>Physical Review Letters</u> , 57(7):3502-3510 (1 March 1988)
AI	Ma, Ying et al., "A review of zeolite-like porous materials," <u>Microporous and Mesoporous Materials</u> , 37:243-252 (2000)
AJ	Nakanishi, Kazuki et al., "Phase separation in silica sol-gel system containing polyacrylic acid, I. Gel formation behavior and effect of solvent composition," <u>Journal of Crystalline Solids</u> , 139:1-13 (1992)
AK	Peters, Eric C. et al., "Molded Rigid Polymer Monoliths as Separation Media for Capillary Electrophoresis," <u>Anal. Chem.</u> , 69:3646-3649 (1997)
AL	Philipse, Albert P., "Solid opaline packings of colloidal silica spheres," <u>Journal of Materials Science Letters</u> , 8:1371-1373 (1989)

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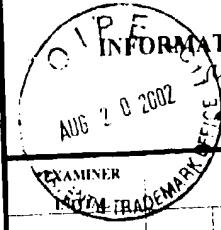
Ramesh Krishnamurthy

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446 23 2002

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Docket Number (Optional) 14017-1	Application Number 09/942,884
Applicant(s) PAUL, Phillip H. et al.	
Filing Date August 29, 2001	Group Art Unit 3753 To be assigned

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RK

AA

Rice, C. L. et al., "Electrokinetic Flow in a Narrow Cylindrical Capillary," The Journal of Physical Chemistry, 69(11):4017-4023 (November 1966)

AB

Rosen, Milton J., "2. Adsorption of Surface-Active Agents at Interfaces: The Electrical Double Layer," Surfactants and Interfacial Phenomena, Second Ed., John Wiley & Sons

AC

Taylor, Geoffrey, "Dispersion of soluble matter in solvent flowing slowly through a tube," Proc. Roy. Soc. (London) 21:186-203

AD

Weston, Andrea et al., "Chapter 3 Instrumentation for High-Performance Liquid Chromatography," HPLC and CE, Principles and Practice, pp. 82-85, Academic Press

AE

Wijnhoven, Judith et al., "Preparation of Photonic Crystals Made of Air Spheres in Titania," Science, 281:802-804 (7 August 1998)

RK

AF

Yazawa, T., "Present Status and Future Potential of Preparation of Porous Glass and its Application," Key Engineering Materials, 115:125-146 (1995)

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FORM PTO-1449 (Modified (6-1))

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT(S)' INFORMATION DISCLOSURE
STATEMENT
(Use several sheets if necessary)

ATTY. DOCKET NO.
22826-7002SERIAL NO.
09/942,884

INVENTOR

Paul et al.

FILING DATE

August 29, 2001

GROUP ART UNIT

Not Assigned

3253

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	Subclass	Filing Date If Appropriate
PK	A1	3,923,426	12/02/75	Theeuwes			
RK	A2	6,019,882	02/01/00	Paul et al.			
RK	A3	6,013,164	01/11/00	Paul et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLAT'N
	B1						yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
	B2						
	B3						
	B4						
	B5						

OTHER ART (Include Author, Title, Date, Pertinent Pages, etc.)

C1	
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EXAMINER

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DATE CONSIDERED

08/08/04

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